AMENDMENTS TO THE CLAIMS

LISTING OF CLAIMS

1. (Currently Amended) A computer-readable medium having a data structure for managing reproduction of still pictures, comprising:

a navigation area storing at least one playlist file, and first and second clip information files, the playlist file including at least one playitem and at least one sub-playitem, the playitem ~~providing navigation information for reproducing at least one still picture from~~ indicating an in-point and an out-point of a first stream file for reproducing at least one still picture, the sub-playitem ~~providing navigation information for reproducing audio data from a second file,~~ indicating an in-point and an out-point of a second stream file for reproducing audio data, the first clip information file including a first entry point map, the first entry point map including at least one entry point pointing to the still picture, and the second clip information file including a second entry point map, the second entry point map including at least one entry point pointing to the audio data; and

a data area storing the first and second stream files, the data area being separate from the navigation area,

wherein the first clip information file corresponds to the first stream file and the second clip information file corresponds to the second stream file, and the clip information files are separate from the playlist file.

2. (Previously Presented) The computer-readable medium of claim 1, wherein the entry point of the first entry point map provides an address of the still picture.

3. (Previously Presented) The computer-readable medium of claim 1, wherein

the playitem provides navigation information for reproducing a plurality of still pictures; and

the first entry point map includes an entry point, associated with each still picture, that points to the associated still picture.

4. (Previously Presented) The computer-readable medium of claim 3, wherein the second entry point map includes a plurality of entry points, each entry point pointing to a point in the audio data.

5. (Currently Amended) The computer-readable medium of claim 4, wherein the first ~~clip~~ stream file includes the plurality of still pictures, and the second ~~clip~~ stream file includes the audio data.

6. (Previously Presented) The computer-readable medium of claim 1, wherein the second entry point map includes a plurality of entry points, each entry point pointing to a point in the audio data.

7. (Canceled)

8. (Currently Amended) The computer-readable medium of claim 1, wherein

the playitem provides navigation information for reproducing presentation data from the first stream file, the presentation data includes at least the still picture and related data associated with the still picture.

9. (Previously Presented) The computer-readable medium of claim 8, wherein the related data includes graphics data.

10. (Previously Presented) The computer-readable medium of claim 8, wherein the related data includes subtitle data.

11. (Previously Presented) The computer-readable medium of claim 8, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

12. (Previously Presented) The computer-readable medium of claim 11, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

13. (Previously Presented) The computer-readable medium of claim 12, wherein each elementary stream of the presentation data are aligned within the still picture unit.

14. (Previously Presented) The computer-readable medium of claim 13, wherein each elementary stream is a packetized elementary stream.

15. (Previously Presented) The computer-readable medium of claim 14, wherein each still picture unit includes one packet from each packetized elementary stream.

16. (Currently Amended) The computer-readable medium of claim 1, wherein the first stream file does not include audio data.

17. (Canceled)

18. (Currently Amended) A method of recording a data structure for managing reproduction of at least one still image on a recording medium, comprising:

recording at least one first and second stream files ~~and at least one second file~~ in a data area of the recording medium~~,~~ ; and

recording at least one playlist file ~~in a navigation area~~, and first and second clip information files in a navigation area on the recording medium ~~in a navigation area~~, the playlist file including at least one playitem and at least one sub-playitem, the playitem ~~providing navigation information for reproducing at least one still picture from~~ indicating an in-point and an out-point of the first stream file for reproducing at least one still picture, the sub-playitem ~~providing navigation information for reproducing audio data from~~ indicating an in-point and an out-point of the second stream file for reproducing audio data, the first clip information file including a first entry point map, the first entry point map including at least one entry point pointing to the still picture, and the second clip information file including a second entry point map, the second entry point map including at least one entry point pointing to the audio data,

wherein the data area is separate from the navigation area,

the first clip information file corresponds to the first stream file and the second clip information file corresponds to the second stream file, and the clip information files are separate from the playlist file.

19. (Currently Amended) A method of reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, comprising:

reproducing at least one first and second stream file ~~and at least one second file~~ in a data area of the recording medium~~,~~ and

reproducing at least one playlist file ~~in a navigation area~~, and first and a second clip information files in a navigation area from the recording medium, the playlist including at least one playitem and at least one sub-playitem, the playitem ~~providing navigation information for reproducing at least one still picture from~~ indicating an in-point and an out-point of the first stream file for reproducing at least one still picture, the sub-playitem ~~providing navigation information for reproducing audio data from~~ indicating an in-point and an out-point of the second stream file for reproducing audio data, the first clip information file including a first entry point map, the first entry point map including at least one entry point pointing to the still picture, and the second clip information file including a second entry point map, the second entry point map including at least one entry point pointing to the audio data,

wherein the data area is separate from the navigation area, the first clip information file corresponds to the first stream file and the second clip information file corresponds to the second stream file, and the clip information files are separate from the playlist file.

20. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least one still image on a recording medium, comprising:

a pick up configured to record data on the recording medium; and

a controller configured to record first and second stream files in a data area of the recording medium, and configured to record at least one playlist file ~~in a navigation area~~, and first and second clip information files in a navigation area ~~on~~ of the recording medium, the playlist file including at least one playitem and at least one sub-playitem, the playitem indicating an in-point and an out-point of the first stream file for reproducing at least one still picture ~~providing navigation information for reproducing at least one still picture from the first file~~, the sub-playitem ~~providing navigation information for reproducing audio data from~~ indicating an in-point and an out-point of the second stream file for reproducing audio data ~~the second file~~, the first

clip information file including a first entry point map, the first entry point map including at least one entry point pointing to the still picture, and the second clip information file including a second entry point map, the second entry point map including at least one entry point pointing to the audio data,

wherein the data area is separate from the navigation area on the recording medium, the first clip information file corresponds to the first stream file and the second clip information file corresponds to the second stream file, and

the clip information files are separate from the playlist file.

21. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording medium; and

a controller configured to control the pick up to reproduce first and second stream files in a data area on the recording medium and to reproduce at least one playlist file ~~in a navigation area~~, a first clip information file and a second clip information file in a navigation area from the recording medium, the playlist file including at least one playitem and at least one sub-playitem, the playitem ~~providing navigation information for reproducing at least one still picture from~~ indicating an in-point and an out-point of the first stream file for reproducing at least one still picture, ~~the first file,~~ the sub-playitem ~~providing navigation information for reproducing audio data from~~ indicating an in-point and an out-point of second stream file for reproducing audio data, ~~the second file,~~ the first clip information file including first a entry point map, the first entry point map including at least one entry point pointing to the still picture, and the second clip information file including a second entry point map, the second entry point map including at least one entry point pointing to the audio data,

wherein the data area is separate from the navigation area on the recording medium,

the first clip information file corresponds to the first stream file and the second clip information file corresponds to the second stream file, and

the clip information files are separate from the playlist file.

22. (Previously Presented) The method of of claim 18, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

23. (Previously Presented) The method of claim 22, wherein the related data includes graphics data.

24. (Previously Presented) The method of claim 22, wherein the related data includes subtitle data.

25. (Previously Presented) The method of claim 22, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

26. (Previously Presented) The method of claim 25, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

27. (Previously Presented) The method of claim 26, wherein each elementary stream of the presentation data are aligned within the still picture unit.

28. (Previously Presented) The method of of claim 19, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

29. (Previously Presented) The method of claim 28, wherein the related data includes graphics data.

30. (Previously Presented) The method of claim 28, wherein the related data includes subtitle data.

31. (Previously Presented) The method of claim 28, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

32. (Previously Presented) The method of claim 31, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

33. (Previously Presented) The method of claim 32, wherein each elementary stream of the presentation data are aligned within the still picture unit.

34. (Previously Presented) The apparatus of of claim 20, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

35. (Previously Presented) The apparatus of claim 34, wherein the related data includes graphics data.

36. (Previously Presented) The apparatus of claim 34, wherein the related data includes subtitle data.

37. (Previously Presented) The apparatus of claim 34, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

38. (Previously Presented) The apparatus of claim 37, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

39. (Previously Presented) The apparatus of claim 38, wherein each elementary stream of the presentation data are aligned within the still picture unit.

40. (Previously Presented) The apparatus of of claim 21, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

41. (Previously Presented) The apparatus of claim 40, wherein the related data includes graphics data.

42. (Previously Presented) The apparatus of claim 40, wherein the related data includes subtitle data.

43. (Previously Presented) The apparatus of claim 40, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

44. (Previously Presented) The apparatus of claim 43, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

45. (Previously Presented) The apparatus of claim 44, wherein each elementary stream of the presentation data are aligned within the still picture unit.